

AGWA 2.0 updates

Posted by isburns - 2008/10/20 23:34

This message will be updated with each update of AGWA 2.0 and it will provide information on the content of the update. I recommend subscribing to the message so that you will be notified automatically when updates occur.

Shea

AGWA 2.0 build 20091105 (currently ArcGIS 9.3.1 only)

- Fixed bug introduced in build 20091008 for SWAT element parameterization where watershed slopes were not set.
- Fixed bug in FAO soils parameterization (requires updated FAO soils tables available in the Datafiles section).

AGWA 2.0 build 20091008 (currently ArcGIS 9.3.1 only)

- KINEROS-OPUS model added.
- KINEROS2 model updated (parameter SAT interpretation now represents the actual fraction of pore space filled 0-SMAX instead of the relative fraction 0-1 between SR and SMAX)
- Added minimum value trapping to the writing of KINEROS parameter files.
- Added output of error information to the hard coded "C:AGWA2loggingerrors.txt" location.
- Fixed bug where the AGWA help file would not open when the help button was clicked.
- Fixed bug in writing SWAT input files with FAO soils parameterization.
- Fixed bug in writing option 1 of user-defined precipitation for KINEROS.

AGWA 2.0 build 20081231

- A climate assessment tool for SWAT.
- The ability to generate daily precipitation data using the SWAT weather generator instead of using daily observed data.
- A typo in the SWAT Input Files form has been discovered. On the Subbasin Adjustment Factors of the Advanced Inputs tab, it reads % change in parentheses for each adjustment factor. This is correct for the precipitation adjustment factor, but should read °C for temperature, MJ/m²-day for radiation, and a dimensionless fraction for relative humidity.

AGWA 2.0 build 20081020

- A bug fix that occurs when attempting to run KINEROS. The bug was introduced in the previous release.

AGWA 2.0 build 20081001

- Support for SWAT2005
- Additional error trapping and bug fixes
- Changes to the writing of model input files and model execution. This process has been separated into two steps, allowing advanced users to customize their input files after writing and before model execution.

AGWA 2.0 build 20071218

- Removal of Service Pack requirements for ArcGIS 9.0, 9.1, and 9.2 installations of AGWA 2.0.
- Nitrogen and phosphorous modeling and results visualization in SWAT.
- A soil parameterization bug fix for SSURGO and the new version of STATSGO.
- A land cover and soils parameterization bug fix for large datasets.

AGWA 2.0 build 20071116

-Original release

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Re:AGWA 2.0 updates

Posted by isburns - 2009/01/23 19:41

Online documentation for AGWA2 is now available. An up-to-date compiled help file (CHM) is also available for download. The help button issue in AGWA2 should be fixed by Monday.

Shea

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